

In re of Appln. No. 09/155,676

68 (Thrice-amended). A method for producing a polypeptide that binds to TRAF2 and either inhibits or increases the activity of NF- κ B, comprising:

growing transformed host cells in accordance with claim 67 under conditions for the expression of an expression product from said cells;

effecting post-translational modification of said expression product as necessary for obtaining said polypeptide; and

isolating said polypeptide.

REMARKS

Claims 13-16, 20-22, 30, 43-50, 52-60 and 62-69 presently appear in this case. Reconsideration and allowance are hereby respectfully urged.

On July 2, 2002, the examiner in charge of this application issued an Advisory Action concerning the term "inhibits or decreases" which had been corrected in claim 69 to read "inhibits or increases" by means of the supplemental amendment filed on May 10, 2002, but had not been corrected in claim 55. While reviewing the claims, it has been noted that the term "inhibits or decreases" also occurred in claims 59, 62 and 68. This amendment is being made to correct all of these claims.

In re of Appln. No. 09/155,676

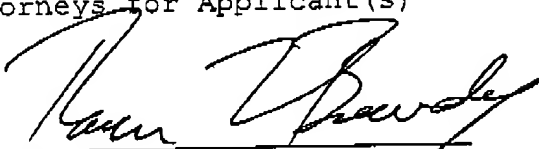
All of the claims now present in the case clearly define over the references of record and fully comply with 35 U.S.C. §112 for the reasons set forth in applicants' amendment of March 20, 2002. Entry and consideration of the present amendment, in conjunction with applicants' amendments of March 20, 2002, April 17, 2002, and May 10, 2002, and allowance of the case are, therefore, earnestly solicited.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version with markings to show changes made".

Respectfully submitted,

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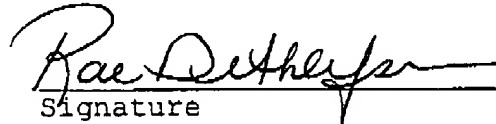
In re of Appln. No. 09/155,676

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In re of Appln. No. 09/155,676

Version with Markings to Show Changes Made

Claims 55, 59, 62, and 68 have been amended as follows:

55 (~~Amended~~Twice-amended). A DNA sequence encoding a polypeptide that binds to TRAF2 and either inhibits or ~~decreases~~increases activity of NF- κ B, selected from the group consisting of

(i) a cDNA sequence comprising the nucleotide sequence of SEQ ID NO:1;

(ii) a cDNA sequence comprising the nucleotide sequence of SEQ ID NO:6;

(iii) a cDNA sequence comprising the nucleotide sequence of SEQ ID NO:4;

(iv) a fragment of a sequence of (i)-(iii) which encodes a polypeptide that binds to TRAF2 and either inhibits or ~~increases~~decreases the activity of NF- κ B;

(v) a DNA sequence capable of hybridization to a sequence of (i)-(iv) under moderately stringent conditions and which encodes a polypeptide that binds to TRAF2 and either inhibits or ~~increases~~decreases the activity of NF- κ B; and

(vi) any DNA sequence other than those defined in (i)-(v) which encodes a polypeptide in accordance with claim 51.

In re of Appln. No. 09/155,676

59 (~~Thrice-amended~~Four times-Amended). A DNA sequence encoding

(1) a polypeptide in accordance with claim 53, or
(2) a polypeptide that binds to TRAF2 and either inhibits or increases~~decreases~~ the activity of NF- κ B and is encoded by a DNA sequence capable of binding to a DNA sequence encoding the sequence of (1) under moderately stringent conditions.

62 (~~Amended~~Twice-amended). An isolated polypeptide comprising the amino acid sequence set forth as SEQ ID NO:7 or an analog thereof which differs from the sequence of SEQ ID NO:7 by a substitution, deletion or insertion of a single amino acid, which analog binds to TRAF2 and either inhibits or increases~~decreases~~ the activity of NF- κ B.

68 (~~Twice-amended~~Thrice-amended). A method for producing a polypeptide that binds to TRAF2 and either inhibits or increases~~decreases~~ the activity of NF- κ B, comprising:

growing transformed host cells in accordance with claim 67 under conditions for the expression of an expression product from said cells;

effecting post-translational modification of said expression product as necessary for obtaining said polypeptide; and

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isolating said polypeptide.